

# Mariam Abdul-Moneem Abdu Mahmoud Ameer



## Personal Information:

**Place & Date of Birth:** Riyadh, Saudi Arabia; 20/04/1981  
**Marital Status :** Married  
**Nationality :** Egyptian  
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**Cairo Scholar :** <https://scholar.cu.edu.eg/?q=mmonim/publications>

**Google Scholar Profile :** <https://scholar.google.com/citations?user=L2nBNkAAAAJ&hl=en>

**LinkedIn :** <https://eg.linkedin.com/in/mariam-ameer-57536680>

**URL of Jouf University :** <http://events.ju.edu.sa/FMPW/EN/Resmue.aspx?id=MARIAMMAHMOUD712>

## Education:

- 2013** Ph.D. in Biomechanics  
Biomechanics Department, Faculty of Physical Therapy, Cairo University, Egypt  
Grade: 3.93/4.00.  
Thesis Title: Interaction relations among physiotherapy team and human factors.
- 2006** M.Sc. in Biomechanics  
Biomechanics Department, Faculty of Physical Therapy, Cairo University, Egypt  
Grade: Very Good.  
Thesis Title: Effect of string vibration damper of tennis racket on myoelectrical activity of wrist extensors.
- 2000** BSc in Physical Therapy,  
Faculty of Physical Therapy, Cairo University, Egypt  
Grade: Excellent with honors, 86.52%
- 1995** Al-Tagrebia High School,  
Naser City, Cairo, Egypt  
Grade: Very Good

## Licensure:

1. International Computer Driving License (2005)

2. Egyptian professional license, Practitioner Physical Therapist (2002)
3. Egyptian professional license, Specialist Physical Therapist (2017)
4. Saudi professional license, First Specialist Physical Therapist (2017)

## **Work Experiences:**

Jun.2019- Contd.: **Associate Professor (Biomechanics), Faculty of Applied Medical Sciences, Jouf University, Saudi Arabia.**

**Job description:**

- Teaching the following courses for undergraduates: *Basic biomechanics, gait analysis, orthopedic and regional biomechanics for upper & lower extremities, Therapeutic exercise, Ergonomics, Clinical Physiology, Electrotherapy, Anatomy & Clinical Kinesiology.*
- Designing, preparing and developing teaching materials
- Supervise and Construct the requirements for Biomechanical and Physical Therapy labs.
- Supervisor of Quality committee.

Jan.2019-Jun.2019: **Assistant Professor (Biomechanics), Faculty of Physical Therapy, Cairo University, Egypt**

**Job description:**

- Teaching the following courses for undergraduates: *Basic biomechanics, gait analysis, orthopedic and regional biomechanics for upper & lower extremities, Therapeutic exercise & Ergonomics.*
- Teaching the following courses for postgraduates: Ergonomics, Occupational Therapy.
- Designing, preparing and developing teaching materials
- Supervise and Construct the requirements for Biomechanical and Physical Therapy labs.

Sep. 2016 – 2017: **Assistant Professor, Department of Physical Therapy, Faculty of Applied Health Sciences, Dammam University, Dammam, Saudi Arabia.**

**Job description:**

- Teaching the following courses for undergraduates: *Basic biomechanics, gait analysis, Therapeutic exercise.*
- Designing, preparing and developing teaching materials
- Supervise and Construct the requirements for Biomechanical and Physical Therapy labs.

Sep. 2013 – 2018: **Lecturer, Biomechanics Department, Faculty of Physical Therapy, Cairo University, Egypt.**

**Job description:**

- Teaching the following courses for undergraduates: *Basic biomechanics, gait analysis, orthopedic and regional biomechanics for upper & lower extremities, Therapeutic exercise & Ergonomics.*
- Teaching the following courses for postgraduates: Ergonomics, Occupational Therapy.
- Designing, preparing and developing teaching materials

- Supervise and Construct the requirements for Biomechanical and Physical Therapy labs.

Nov. 2008 – Sep. 2012: **Assistant Lecturer, Biomechanics Department, Faculty of Physical Therapy, Cairo University, Egypt.**

***Job description:***

- Teaching the following courses for undergraduates: basic biomechanics, gait analysis, orthopedic, regional biomechanics for upper & lower extremities and Ergonomics.

Mar. 2002 – Oct. 2007: **Demonstrator, Biomechanics Department, Faculty of Physical Therapy, Cairo University, Egypt.**

***Job description:***

- Teaching the following courses for undergraduates: basic biomechanics, gait analysis, orthopedic, regional biomechanics for upper & lower extremities and Ergonomics.

Mar. 2003 – Aug. 2008: **Physical Therapy Specialist** in Kuwaiti Center for Physical Therapy and Sports Injuries (Under supervision of Dr. Mostafa Salam).

Sep. 2002 – Aug. 2003: **Internship** in Kasr El Aini Hospital and Faculty of Physical Therapy, Cairo University, Egypt (Neurology, Orthopedic, Pediatric, Surgery, Gynecology clinic).

<b>Professional Affiliations:</b>
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Nov. 2019– till now **Supervisor for Biomechanics Lab., Faculty of Applied Medical sciences, Physical Therapy Department, Jouf University, Sakaka, Jouf, K.S.A**

Feb. 2015– till now: **\*Reviewer in the Journal of Sports Rehabilitation.**

***Job description:***

- Evaluate and review electronically the articles that relevant to my areas of interest (Biomechanics, Sports injuries, Ergonomics).

Dec. 2014 – 2017 **Supervisor for Biomechanics Lab., Faculty of Applied Medical sciences, Physical Therapy Department, Dammam University, Dammam, K.S.A.**

***Job description:***

- Supervising the practical part of many Master & Doctoral degrees performed in Biomechanics lab.

March 2005 – 2007: **Committee Member of the leadership and governance of the Physiotherapy College project for the Continuous Improvement and Qualifying for Accreditation Project (CIQAP).**

***Job description:***

- Active participation in the preparation of inventory issues relating to education and determine the level of completion of these topics.

## **Courses & Workshops:**

- Training course for New Graduates (January 2004).
- Examination Standards in Academic Institution (Jan, 2005)
- Quality Experts Group (November, 2006)
- Enhancement of Internal Quality System (1) (April, 2005)
- Enhancement of Internal Quality System (2) (April, 2005)
- Course Report (April, 2005)
- International Computer Driving License (April, 2005)
- English conversation course (March, 2005).
- 3D Max studio (September, 2005).
- Respiratory ventilation course (September, 2006).
- Learning Outcomes for programs and courses (February, 2016).
- Alternative and effective assessment methods (February, 2017)
- Muscular recovery sequence in patients with Bell's palsy (July, 2017).
- Successful grant applications: getting it right (February, 2016).
- How to review a manuscript (February, 2016)
- Making sense of science stories (February, 2016)
- How to write a lay summary (February, 2016)
- Author rights (April, 2016).
- Open Access Publishing (March, 2016).
- Introduction to scholarly publishing (March, 2016).
- Authorship and responsibilities (February, 2016).
- Introduction to scholarly publishing (February, 2016).
- Publisher: Origins, roles and contributions (December, 2015).
- Basic Life Support Course (March 2016).
- DPT curriculum instruction training (July, 2012).
- Quality standard in teaching (March, 2013).
- Legal & Financial Aspect in University Environment (February, 2013).
- Effective teaching skills (July, 2012).
- Examination & student Evaluation techniques (April, 2012).
- International Publishing of scientific research (June, 2013).
- Using technology in teaching (June, 2010).

- Teaching Evaluation (August, 2006).
- Credit Hours (June 2008).
- Ethics of research work (June, 2008).
- Effective Power point skills (March, 2005).
- University Management (July, 2017).
- E- learning (August, 2016).
- Strategic planning (July, 2016).
- Managing research team (August, 2016).
- Clinical concept and Advanced Sports Taping Methods (March, 2017).
- K-Tape 1: Basic concept, muscle inhibition, muscle facilitation and corrective technique (April, 2017)
- Arabic and English editing in scientific research (2017).
- Anterior cruciate ligament evaluation and rehabilitation (Physical Therapy Syndicate of Egypt) (2017).
- Systematic literature reviews workshop, Jouf University (2020).
- Quality management and Institutional excellence, Jouf University (2020)
- Learning and teaching strategies, Jouf University (2020).
- Teaching in a creative way, Jouf University (2020)
- Student evaluation mechanisms and their relationship to improving the educational process, Jouf University (2020)
- Public and professional health and safety requirements in facilities and equipment Educational and research, Jouf University (2020).
- Key Performance Indicators for Academic Programs, Jouf University (2020)
- E-learning strategies, Jouf University (2020).
- Key performance indicators for higher education institutions, Jouf University (2020).
- Elsevier- NRC Guide course for reviewers; Review report and decision, Cairo University (2021).
- Elsevier- NRC Guide course for reviewers; Core of peer review part I, Cairo University (2021).
- Elsevier- NRC Guide course for reviewers; Core of peer review part II, Cairo University (2021).
- Scopus for Jouf University (2021).
- Bases of electronic learning, Jouf University (2021).

### **Conferences:**

- New era in sport injuries: P.T. prevention and Treatment, (Attendance) (October, 2004).
- Physical Therapy is a Safe Cure (attendance) (March, 2006).

- Human Performance in Health & Disability Chronic Occupational & Environmental Respiratory Disease and Human Performance (Speaker) (June, 2013).
- Environmental contaminants and Food safety (attendance) (February, 2014).
- Innovative Physical Therapy and Rehabilitation (attendance) (March, 2017).
- The Official Exhibit for Biggest Medical Investment in Egypt and Africa (attendance) (May, 2013).
- 2<sup>nd</sup> annual scientific conference of physical therapy syndicate in Gharbeya (attendance) (July, 2017).
- International Conference on Physical Education, Sports Medicine and Doping Studies (Speaker) (Japan) (August, 2018).
- 1<sup>st</sup> international & 15<sup>th</sup> national conference of human performance in health & disability (Speaker) (Jun, 2019).
- 2<sup>nd</sup> scientific conference of physical therapy, no more disability with physical therapy and rehabilitation, Cairo University (attendance) (2020).
- Saudi international conference on advances in LASER and cosmetic dermatology (2021)

#### Publications: International Refereed Journals

1. **Mariam Abdul Moneem Abdu**, Mohamed E. Saad, Ghada M. El-hafez. Interaction relations among physiotherapy team and human factors 2 (1), E-ISSN: 2348-3229, 2014.
2. **Mariam A. A. Ameer**, Salam M. El-hafez, Ghada M. El-hafez and Amira A. A. Abdalla. Effect of string vibration damper on myoelectrical activity of wrist extensors in tennis players. International Journal of Current Research. 7(4), pp.14656-14661, April, 2015.
3. Bassam Ahmed Nabil Abd Elmaboud, Hamada Ahmed Hamada, **Mariam Abd-Elmoneim**. Isokinetic Parameters of Shoulder Joint in Tennis Elbow Versus Golfer's Elbow. International Journal of PharmTech Research. 9 (9), pp 97-103,2016.
4. **Mariam A. AMEER**. Kinematic comparison between single and double-leg jump landings in sagittal plane for male handball players. Turkish Journal of Sport and Exercise. 18 (3)- Pages: 108-115, 2016.
5. **Mariam A. Ameer**, Mohamed E. Khallaf. Effect of treadmill gait training on diplegic children swing phase gait parameters. International Journal of Physiotherapy and Research. 5(1):1829-35, 2017.
6. Mohamed E. Khallaf, **Mariam A. Ameer**. Effect of wrist-fingers extension splint and task specific training on hand joints range of motion and function after stroke. Journal of NeuroRehabilitation. (2017).
7. **Mariam A. Ameer** and Qassim I. Muaidi. Relation between Peak Knee Flexion Angle and Knee 1 Ankle Kinetics in Single-Leg Jump Landing from

- Running- A pilot Study on Male Handball Players to Prevent ACL Injury. The Physician and Sportsmedicine (2017).
8. **Mariam A. Ameer** and Qassim I. Muaidi. Influence of increasing knee flexion angle on knee-ankle varus stress during Single-leg-jump landing. Journal of Taibah University Medical Sciences (2017).
  9. Arun Vijay Subbarayalu and **Mariam A. Ameer**. A study of relationship between pain intensity, disability, head posture and deep cervical muscle performance in subjects with Postural Neck pain (2017).
  10. **Mariam A. Ameer** and Qassim I. Muaidi. Acute Effect of Static Stretching on Lower Limb Movement Performance by using STABL Virtual Reality System (2017).
  11. Mohamed Mostafa M. Essa , Hossam El-Din Fawaz , Hamada Ahmed Hamada , **Mariam Abd-Elmoneem Ameer** , Salam Mohamed Elhafez Effect of core and treadmill trainings on skeletal mineralization in post-menopausal osteoporotic women (2017).
  12. **Mariam A. Ameer**, **Amr Almaz Abdel-aziem** Relationship between anthropometric measures and sagittal spinal curvatures in adult male handball players (2017).
  13. **Mariam A. Ameer** and Walaa S. Mohammad, Loaded Treadmill Training Improves the Spatio-Temporal Parameters in Children with Spastic Diplegia. (2018).
  14. **Ameer MA**, Fayez ES, Elkholy HH. Improving Spatiotemporal Gait Parameters in Spastic Diplegic Children Using Treadmill Gait Training (2019)
  15. **Ameer MA**, Kamel MI, Elhafez YM. A comparison of sagittal spine deformities among elementary school students using spinal mouse device. Work (2019).
  16. Nabil BA, **Ameer MA**, Abdelmohsen AM, Hanafy AF, Yamani AS, Elhafez NM, Elhafez SM. The Impact of Tennis and Golfer's Elbow on Shoulder External Rotators and Abductors Peak Torque. Journal of sports rehabilitation. (2020).
  17. **Ameer MA**, Ahmed Atteya. Practicing Physical Therapy Affects Professionals in Egypt. Physiotherapy Quarterly (2020).
  18. Enas Fawzy Youssef, Alsayed Abdelhameed Shanab, **Mariam A. Ameer**, Mahmoud Elsayed Shanab. Impact of body weight on shifting of foot pressure among adult subjects. Acta of Bioengineering and Biomechanics. (2020).

19. Amany Abd-Eltawab and **Mariam A. Ameer**. The efficacy of Theraband versus general active exercise in improving postural kyphosis. *Journal of Bodywork & Movement Therapies*. (2020).
20. Amany Abd-Eltawab and **Mariam A. Ameer**. The Impact of Chronic Neck Pain on Respiratory Functions among Female University Students. *Journal of Health Science and Medical Research*, 2021.
21. Influence of obesity on spatiotemporal gait parameters among female students from Jouf University, Saudi Arabia, *Journal of Biomedical Human Kinetics* ( Accepted; Under Publication 2022).
22. Barometric and spatiotemporal gait differences between leading and non-leading feet of handball players, *Journal of the American Podiatric Medical Association* ( Accepted; Under Publication 2022).

### Book Publication:

**Mariam A. Ameer**. Exercises' Effect on Osteoporotic Women. 1<sup>st</sup> edition, 2017

<https://www.morebooks.shop/store/gb/book/exercises-effect-on-osteoporotic-women/isbn/978-620-2-31056-7>

### Thesis Supervision:

- Evaluation of Selected Isokinetic Parameters of Shoulder joint in Tennis Elbow Versus Golfer's Elbow (PhD Thesis) (Jun, 2014).
- Effect of Core and Treadmill Training on Isokinetic Core Muscles Strength and Skeletal Mineralization (PhD thesis) (Jun, 2014).

### Awards:

- Appreciation awards from Cairo University, Egypt (2004, 2007, 2009, and 2011).
- Appreciation award from Career Forum, Imam Abdulrahman Bin Faisal University (April, 2016).
- Appreciation certificate from Physical Therapy Department, College of Applied Medical Science, Imam Abdulrahman Bin Faisal University for final exam supervision (May, 2017).
- Appreciation award from community service committee for the Community engagement Program (Postural Screening Program in Schools 2017) was funded with 20000 SR from Imam Abdulrahman Bin Faisal University.

### Skills:

**Language Skills:**

**Arabic:** Mother language  
**English:** Fluent.  
**French:** Just a little



**Computer Skills:** Excellent- ICDL certificate 2005.

**IELTS/TOFFL Score:** ILETs-Band 6.5

## REFERENCES:

### **Prof. Dr. Salam Mohamed Elhafez**

Professor & Head of Biomechanics Department, Faculty of Physical Therapy, Cairo University, Egypt

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